

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001829

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: H04L 12/14, H04L 29/06**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: H04L**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ, INTERNET**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003120499 A1 (MACLEAN, I ET AL), 26 June 2003 (26.06.2003), figure 4, abstract, whole document --	1-21
X	WO 03047164 A2 (MARKPORT LTD), 5 June 2003 (05.06.2003), page 6, line 23 - page 7, line 15; page 7, line 24 - page 8, line 10; page 9, line 15, page 10, line 8 - line 10; page 17, line 7 - line 10, figure 1, claims 1-2, 4-5, 15-17, abstract	1-5
A	--	6-13,14-21
X	US 2002127995 A1 (FACCIN, S ET AL), 12 Sept 2002 (12.09.2002), [0015]; [0017]; [0071]-[0072]; [0091]-[0117], claims 1-2, 4, 21-24 and abstract --	1-2,5

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

4 June 2004

Date of mailing of the international search report

21-06-2004

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. +46 8 666 02 86

Authorized officer  
**Nabil Sebaa /LR**  
Telephone No. +46 8 782 25 00

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001829

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 1096743 A1 (LUCENT TECHNOLOGIES INC), 2 May 2001 (02.05.2001), column 7, line 28 - line 32; column 8, line 5 - line 15; column 9, line 5 - line 21, abstract</p> <p style="text-align: center;">--</p>	1-21
A	<p>3GPP TS 32.215 v 4.5.0: "Technical Specification Group Services and System Aspects; Telecommunication management; Charging management; Charging data description for the Packet Switched (PS) domain; (Release 4). September 2003 (2003-09), Retrieved from the internet: &lt;URL: <a href="http://www.3gpp.org/ftp/Specs/html-info/32215.htm">http://www.3gpp.org/ftp/Specs/html-info/32215.htm</a>&gt; Retrieved on 2004-06-04. See section 5.8 and section 7-7.2</p> <p style="text-align: center;">--</p>	1-21
A	<p>3GPP TS 29.060 v 6.2.0: "Technical Specification Group Services and System Aspects; General Packet Radio Service GPRS); GPRS Tunneling Protocol (GTP) across the Gn and GP interface (Release 6), September 2003 (2003-09), Retrieved from the Internet: &lt;URL: <a href="http://www.3gpp.org/ftp/Specs/html-info/29060.htm">http://www.3gpp.org/ftp/Specs/html-info/29060.htm</a>&gt; Retrieved on 2004-06-04. See section 7.7.26, page 22, paragraphs 1-2; sections 6; 7.3.8 - 7.3.9</p> <p style="text-align: center;">--</p> <p style="text-align: center;">-----</p>	6-13

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

30/04/2004

International application No.  
PCT/SE 2003/001829

US 2003120499 A1 26/06/2003 NONE

WO 03047164 A2 05/06/2003 NONE

US	2002127995	A1	12/09/2002	CN	1444824 T	24/09/2003
				EP	1310085 A	14/05/2003
				JP	2004507127 T	04/03/2004
				WO	0191446 A	29/11/2001
				US	6584737 B	01/07/2003
				US	2003121220 A	03/07/2003

EP 1096743 A1 02/05/2001 NONE